7. REFERENCES

- Blaser MJ, Berkowitz ID, LaForce FM, Cravens J, Relier LB, et al. Campylobacter enteritis: clinical and epidemiologic features. Annals of Internal Medicine 91: 179–185, 1979.

- Bourdette DN, Edmonds E, Smith C et al (2005) A highly immunogenic trivalent T cell receptor peptide vaccine for multiple sclerosis. MultScler 11(5):552–561

- Buckley AM, Wang J, Hudson DL, Grant AJ, Jones MA, Maskell DJ, Stevens MP (2010) Evaluation of live-attenuated *Salmonella* vaccines expressing *Campylobacter* antigens for control of *C. jejuni* in poultry. Vaccine 28(4):1094–1105.

- Cawthraw SA, Feldman RA, Sayers AR, Newell DG (2002) Long-term antibody responses following human infection with Campylobacter jejuni.ClinExpImmunol 130:101–106.

- Daniel.A.Scott(1997) Vaccines against Campylobacter jejuni . The Journal of Infectious Diseases, 17(2): S183–S188

- De Zoete MR, van Putten JP, Wagenaar JA (2007) Vaccination of chickens against *Campylobacter*. Vaccine 25(30):5548–5557.

- Horzinek, M.C. (1999). Vaccination: A philosophical view. *Adv. Vet. Med.*, 41: 1-6.

- Hong Huang Lin, Surajit Ray, SongsakTongchusak, Ellis L Reinherz, and Vladimir Brusic(2008)Evaluation of MHC class I peptide binding prediction servers: Applications for vaccine research.10.1186/1471-2172-9-8

- Ingale AG, GotoS(2014). Prediction of CTL epitope, in silico modeling and functional analysis of cytolethal distending toxin (CDT) protein of Campylobacter jejuni. BMC Res Notes, 7:92.

- Islam A, Raghupathy R, Albert MJ. (2010) Recombinant PorA, the major outer membrane protein of Campylobacter jejuni, provides heterologous protection in an adult mouse intestinal colonization model. Clin Vaccine Immunol 17:1666–1671.

- Jain, R., Singh, S., Verma, S.. Jain A (2017). Genome-Wide Prediction of Potential Vaccine Candidates for *Campylobacter jejuni* Using Reverse Vaccinology.InterdiscipSciComput Life Sci 10.1007/s12539-017-0260-5

- Janssen R, Krogfelt KA, Cawthraw SA, van Pelt W, Wagenaar JA, Owen RJ, 2008. Host-pathogen in-392 A.M. Łasica et al. teractionsin*Campylobacter* infections: the host perspective. ClinMicrobiol Rev 21: 505–518.

- Johnson J. G., Carpentier S., Spurbeck R. R., Sandhu S. K., DiRita V. J. (2014). Genome sequences of *Campylobacter jejuni* 81-176 variants with enhanced fitness relative to the parental strain in the chicken gastrointestinal tract. Genome Announc. 2:e00006–14. 10.1128.

- Kaur H, Garg A, Raghava GP(2007).PEPstr: a de novo method for tertiary structure prediction of small bioactive peptides.14(7):626-31

- Khan F, Srivastava V, Kumar A **(**2017) Epitope Based Peptide Prediction from Proteome of Enterotoxigenic *E. coli.*International Journal of Peptide Research and Therapeutics. pp 1-14.

- Knutson KL, Schiffman K, Disis ML: Immunization with a HER-2/ neu helper peptide vaccine generates HER-2/neu CD8 T-cell immunity in cancer patients. J Clin Invest 107:477–484, 2001.

- Khan F, Srivastava V, Kumar A (2018)Computational Identification and Characterization of Potential T-Cell Epitope for the Utility of Vaccine Design Against Enterotoxigenic *Escherichia coli.* pp1-14

- Kumar A, Jain A, Shraddha, Verma SK (2013) Screening and structure-based modeling of T-cell epitopes of Marburg virus NP, GP and VP40: an immunoinformatic approach for designing peptide-based vaccine. Trends Bioinform 6:10–16.

- Lopez JA, Weilenman C, Audran R, Roggero MA, Bonelo A, et al. (2001) A synthetic malaria vaccine elicits a potent CD8(+) and CD4(+) T lymphocyte immune response in humans. Implications for vaccination strategies. Eur J Immunol 31: 1989–1998.

- Laskowski R. A., McArthur M. W., Moss D. S., Thornton J. M. (1993). PROCHECK: a program to check the stereochemical quality of protein structures. *J. Appl. Crystallogr.* 26 283–291

- Man SM (2011) The clinical importance of emerging *Campylobacter* species. Nat Rev GastroenterolHepatol 8(12):669–685.

- Mazick, A., Ethelberg, S., Nielsen, E. M., Molbak, K., &Lisby, M. (2006). An outbreak of *Campylobacter jejuni* associated with consumption of chicken, Copenhagen, 2005. *Euro Surveillance, 11*, 137–139.

- Mehla K and Ramana J (2017) Functional & Integrative Genomics, Surface proteome mining for identification of potential vaccine candidates against *Campylobacter jejuni*: an *in silico*approach.Functional & Integrative Genomics 17(1):27–37.

- Meunier M, Guyard-Nicodème M, Hirchaud E, Parra A, Chemaly M, Dory D (2016) Identification of novel vaccine candidates against *Campylobacter* through reverse vaccinology. J Immunol Res 5715790:9.

- Mishra R, Gore D and Upadhyay A. (2016) Cell surface antigen search of Campylobacter jejuni by Reverse vaccinology. Journal of Pharmacy Research. 10(4):149-153.

- Mohabatkar H, Mohammadzadegan R (2007) Computational comparison of T-cell epitopes of GP 120 of Iranian HIV-1 with different subtypes of the virus. Pak J BiolSci 10:4295–4298.

- Mukherjee P, Ramamurthy T, Bhattacharya MK, Rajendran K, Mukhopadhyay AK. *Campylobacter jejuni* in hospitalized patients with diarrhea, Kolkata, India. Emer Infect Dis. 2013;19:1155.

- Murray CJ, Vos T, Lozano R, Naghavi M, Flaxman AD, Michaud C, et al. (2012) Disability-adjusted life years (DALYs) for 291 diseases and injuries in 21 regions, 1990–2010: a systematic analysis for the Global Burden of Disease Study 2010. Lancet. 380:2197–223.

- Petrovsky, N., and Brusic, V. (2002) Computational immunology: The coming of age. Immunol Cell Biology. 80:248–254.

- Purcell AW, McCluskey J, Rossjohn J (2007) More than one reason to rethink the use of peptides in vaccine design. Nat Rev Drug Discov 6:404–414.

- Shekhar, C., Dev, K., Verma, S.K., & Kumar, A. (2012) Insilico: Screening and modelling of CTL binding epitopes of crimeancongo hemorrhagic fever virus. Trends Bioinformatics, 5: 14-24.

- Singh H, Raghava GP(2001) ProPred: prediction of HLA-DR binding sites.17(12):1236_7

- Tang, H., Liu, X.S., Fang, Y.Z., Pan, L., Zhang, Z.W. et al. (2012b). Advances in studies on vaccines of foot-and-mouth disease. Asian J. Anim. Vet. Adv., 7: 1245-1254.

- Tang, H., Liu, X.S., Fang, Y.Z., Pan, L., Zhang, Z.W. et al. (2012a). The epitopes of foot and mouth disease. *Asian J. Anim.Vet.* Adv., 7: 1261-1265.

- World Health Organization, The Global View of Campylobacteriosis: report of an expert consultation. 2012.

- Yasmin T, Akter S, Debnath M, Ebihara A, Nakagawa T, Nabi AH.(2016) In silico proposition to predict cluster of B- and T-cell epitopes for the usefulness of vaccine design from invasive, virulent and membrane associated proteins of C. jejuni. In SilicoPharmacol. 2 4(1): 5.